

ABSTRACT

The reciprocating floor conveyor employs slide bearings with a base, a left side wall, a right side wall, and left and right wings that extend outward from the side walls. The base has a lower surface that sits on cross beams between adjacent guide beams. The left wing sits on the left guide beam. The right wing sits on the right guide beam. A left upper finger snaps under a support plate on the left guide beam and a right upper finger snaps under a support plate on the right guide beam to hold the slide bearing in place. The slide bearing extends from the front of the conveyor to the rear of the conveyor and seals the opening between adjacent guide beams that extend from the front end to the rear end of the floor conveyor. Slide surfaces on the base and the wings support floor slats.